

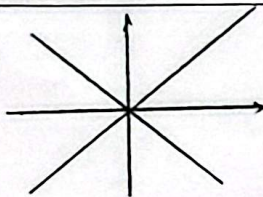
$$f = \{(1, r_a), (1, a^r + r), (r, r_a)\}$$

$$r_a = a^r + r \Rightarrow \underline{a=1}$$

$$\underline{a=r}$$

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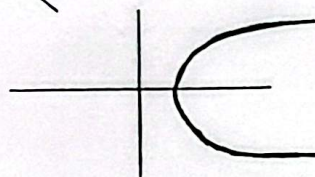
$$|y| = |x| \rightarrow y = \pm x$$



تابع نیست.

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$$|y| + \sqrt{x-1} = 0 \Rightarrow y = \pm \sqrt{x-1}$$



تابع نیست.

ا) $x = 0 \Rightarrow y = 0$ و $y = 1$ باشد.

ب) $y^5 - y = \frac{x^2}{2}$

اگر $x = 0$ ، $y = 0$ و $y = 1$ باشد.

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ا) $\sin^2 x + \cos^2 \frac{y}{2} = 1$ و y و x متغیر باشند. π باشد.

ب) $y = 0$ و $y = 1$ باشد.

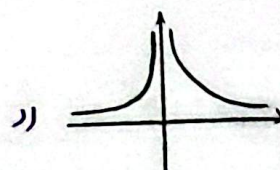
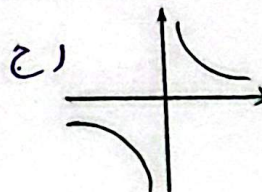
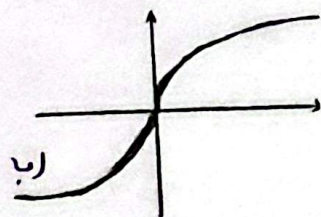
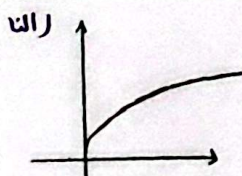
$$\left. \begin{aligned} x^2 + |y-1| &= x^2 \Rightarrow |y-1| = x^2 - x^2 \\ |y-1| &= x^2 - x^2 \end{aligned} \right\} \xrightarrow{x_1 = x_2} |y_1-1| = |y_2-1| \Rightarrow$$

$$y_1-1 = \begin{cases} x \\ -x \end{cases} y_2-1$$

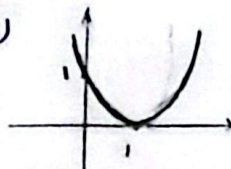
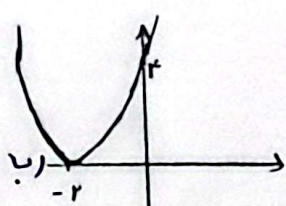
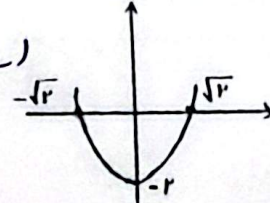
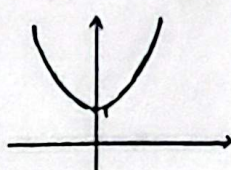
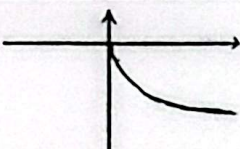
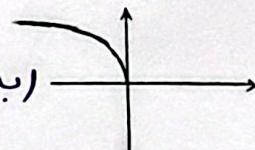
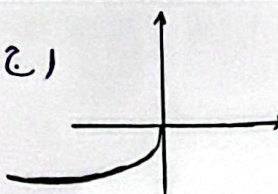
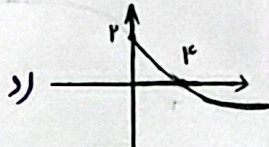
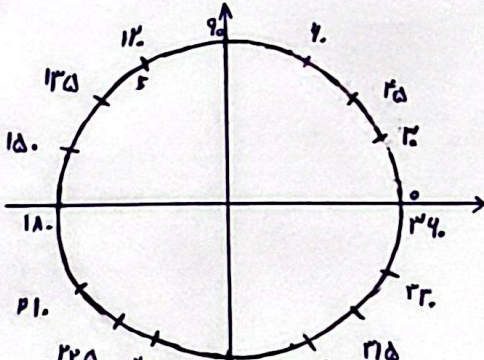
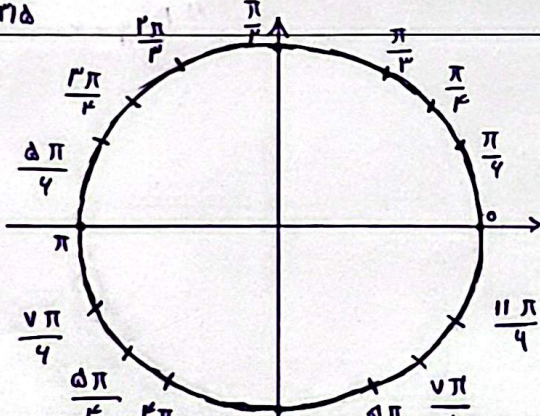
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$$\left. \begin{aligned} y_1^5 - x_1^2 \\ y_2^5 - x_2^2 \end{aligned} \right\} \xrightarrow{x_1 = x_2} y_1^5 = y_2^5 \Rightarrow$$

تابع هست.



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ا)  ب) 	ج)  د) 	٦	
ا)  ب) 	ج)  د) 	٧	
			٨
			٩
ا) $\cos 17.^\circ = -\frac{1}{r}$ ج) $\cos \frac{4\pi}{r} = \frac{1}{r}$	ب) $\sin 15.^\circ = \frac{1}{r}$ د) $\sin \frac{11\pi}{4} = -\frac{1}{r}$	١٠	